Claims

[c1] What is claimed is:

- 1.A method of accessing a nonvolatile memory, the non-volatile memory being installed in an electronic device and comprising a plurality of zones, each zone comprising a plurality of spare blocks, the method comprising the following steps:
- (a) storing a look up table of each zone in at least a spare block;
- (b) the electronic device obtaining one of the zones of the nonvolatile memory corresponding to a logic address of a host for accessing the nonvolatile memory;
- (c) the electronic device reading the look up table of the zone obtained in step (b) from at least one of the spare blocks and storing the look up table in a memory of the electronic device; and
- (d) the host accessing the nonvolatile memory according to the look up table stored in the memory of the electronic device.
- [c2] 2.The method of claim 1 wherein the method further comprises determining if the look up table of each zone is stored in the nonvolatile memory.

- [c3] 3.The method of claim 1 wherein the method further comprises determining if the zone obtained in step (b) equals the zone corresponding to the look up table stored in the memory of the electronic device.
- [c4] 4.The method of claim 1 wherein in step (a) the look up table of each zone is stored in at least one of the spare blocks of the zone.
- [c5] 5.The method of claim 1 wherein in step (a) the look up table of each zone is stored in at least one of the spare blocks of the plurality of zones.
- [c6] 6.The method of claim 1 wherein the nonvolatile memory is a flash memory.
- [c7] 7.A device for implementing the method of claim 1.